

WHAT IS CLAIMED IS:

1. A rubber composition obtained by compounding (A) a rubber component comprising 15 to 55% by weight of (i) a modified styrene-butadiene copolymer rubber which is obtained by a solution polymerization and has a tin atom introduced into its molecular chain, 45 to 85% by weight of (ii) at least one rubber selected from natural rubber and synthetic isoprene rubbers, and (B) a hydrazide compound.
2. A rubber composition according to Claim 1, wherein component (A) comprises 15 to 55% by weight of component (i) and 85 to 45% by weight of component (ii).
3. A rubber composition according to Claim 1, wherein the modified styrene-butadiene copolymer rubber of component (i) of component (A) is obtained by modifying a styrene-butadiene copolymer which is obtained by a solution polymerization using a lithium compound as an initiator with a tin compound.
4. A rubber composition according to Claim 1, wherein the hydrazide compound of component (B) is at least one compound selected from naphthoic acid hydrazides and salicylic acid hydrazides.
5. A rubber composition according to Claim 1, wherein 0.05 to 5 parts by weight of component (B) per 100 parts by weight of component (A) is compounded.
6. A rubber composition according to Claim 1, wherein 20 to 70 parts by weight of (C) carbon black per 100 parts by weight of component (A) is further compounded.

7. A heavy duty pneumatic tire having a tread wherein the rubber composition constituting the tread is a rubber composition described in Claim 1.